Marion Field Office Technical Guide Section II-A April 2002

Soil Features

Perry County, Alabama

NOTE: See text for definitions of terms used in this table. Absence of an entry indicates that the feature is not a concern or that data were not estimated.

Map symbol and soil name		Subsidence		 Potential	Risk of corrosion				
	 Kind	Depth to top	 Thickness	Hardness	 Initial	 Total	for frost action	Uncoated steel	Concrete
		¦	- In -			 In	· 	¦	-
AnA: Annemaine					0	 	 None	 High	 High
BaA: Bama	 				0	 	 None	 Low	 Moderate
BaB: Bama					0	 	 None	 Low	 Moderate
CaA: Cahaba	 				0	 	 None	 Moderate	 Moderate
CaB: Cahaba	 				0	 	 None	 Moderate	 Moderate
DsD2: Demopolis	 Bedrock (paralithic)	1 10-20			 0	 	 None 	 Moderate 	 Low
Sumter	 Bedrock (paralithic)	 20-40 			 0 	 	 None 	 Moderate 	 Low
DwB: Demopolis	 Bedrock (paralithic)	 10-20 			 0	 	 None 	 Moderate 	 Low
Watsonia	 Bedrock (paralithic)	 10-20 			 0 	 	 None 	 High 	 High
EnA: Eunola	 				 0	 	 None	 Low	 High
EtA: Eutaw	 				0	 	 None	 High	 Moderate
FuA: Fluvaquents	 				 0	 	 None	 High	 High

Soil Features, cont.

Map symbol _ and soil name		Restrictive layer					 Potential	Risk of corrosion	
	Kind	Depth to top	 Thickness	Hardness	 Initial	Total	for frost action	Uncoated steel	Concrete
		In	 In		 In	In	.	 	-
GrA: Greenville					1 0 1		 None	 Moderate	 High
GrB: Greenville							 None	 Moderate 	 High
KpB: Kipling			 		0 1		 None	 High 	 High
LnB: Luverne		; ;	 		, 0		 None	 High 	 High
LsD: Luverne		 	 		0 1		 None	 High 	 High
Smithdale					0		None	Low	 Moderate
LsE:							 None	 High	 High
Smithdale					0 1		None	Low	Moderate
MIA: Mantachie							 None	 High	 High
Iuka					0 1		None	 Moderate	 High
Kinston					0		 None	 High 	 High
MkC2: Maubila					0 1		 None	 High	 High
MsE: Maubila					0 1		 None	 High	 High
Smithdale					0 1		None	Low	Moderate
MtA: Minter							 None	 High 	 High
MyA: Myatt							 None	 High 	 High
OaA: Ochlockonee			 		 		 None	 Low 	 High

Soil Features, cont.

Map symbol and soil name	Restrictive layer					lence	 Potential	Risk of corrosion	
	Kind	Depth to top	 Thickness	Hardness	 Initial	Total	for frost action	Uncoated steel	Concrete
		 In	 In		 In	In			-
ObB: Ochlockonee					0		 None	 Low	 High
Riverview					0		None	Low	Moderate
OcB: Ocilla					0		 None	 High	 Moderate
Jedburg					0		None	 High	 High
OkB: Okolona					 0		 None	 High	 Moderate
OtC: Oktibbeha					 0		 None 	 High 	 High
Pt: Pits					0		 None		
SaD: Saffell					1 0		 None	 - Low	 Moderate
SbB: Saffell					1 0		 None	Low	 Moderate
Maubila					0		None	 High	 High
ScB: Smithdale							 None	 Low	 Moderate
ScD: Smithdale			 		0		 None	 Low	 Moderate
SdA: Subran					0		 None	 High	 High
SdB: Subran					0		 None	 High	 High
SeA: Sucarnoochee					0		 None	 High 	 Low
SfB: Suffolk							 None	 Moderate	 High
SmB: Sumter	Bedrock (paralithic)	20-40			 0		 None 	 Moderate 	 Low

Soil Features, cont.

		Subsic	dence		Risk of corrosion				
Map symbol	l				I		Potential	[
and soil name		Depth					for	Uncoated	
	Kind	to top	Thickness	Hardness	Initial	Total	frost action	steel	Concrete
	-	In	'			In			-
SnD2: Sumter	 Bedrock (paralithic)	 20-40 					 None 	 Moderate 	 Low
SoB2: Sumter	 - Redrock	1 20-40					 None	 Moderate	 Low
Sumcer	(paralithic)	20-40					 	 	 TOW
Oktibbeha					0		None	 High 	 High
SoD2:		i	i i		i		İ	İ	
Sumter	Bedrock (paralithic)	20-40			0		None	Moderate	Low
Oktibbeha	·				0		 None	 High 	 High
/aA:		i						İ	
Vaiden					0		None	High	High
VaB:								İ	
Vaiden					0		None	High	High
					<u> </u>				